## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	168	(corundum or sapphire or "al. sub.2o.sub.3") near16 (color\$5) near15 (chromium or iron or titanium or nickel or vandaium or cobalt)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:33
L2	82	(corundum or sapphire or "al. sub.2o.sub.3") near16 (color\$5) near15 (chromium or iron or titanium or nickel or vandaium or cobalt) near2 oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:35
L3	13	(corundum or sapphire or "al. sub,2o.sub,3") near10 crystal\$5 near16 (color\$5) near15 (chromium or iron or titanium or nickel or vandaium or cobalt) near2 oxide	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:35
L4	7172671	(corundum or sapphire or "al. sub.2o.sub.3") near10 crystal\$5 near16 face ("113" or "101" or "110" or "110" or "211" or "121" or "121" or "124" or "100" or "125" or "223" or "131" or "312")	US-PGPUB; USPAT; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2010/02/16 09:42

L5	70	(corundum or al. sub 20. sub. 3") near10 crystal\$5 near16 face near10 ("113" or "012" or "104" or "110" or "116" or "211" or "122" or "214" or "105" or "223" or "131" or "312")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:42
L6	6	(corundum or sapphire or "al. sub.20. sub.3") near10 crystal\$5 near16 face near10 ("113" or "012" or "104" or "110" or "110" or "122" or "211" or "122" or "214" or "23" or "131" or "312") and (teshima near2 katsuya or oishi near2 sub.3")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:43
L7	0	"40026525"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:44
L8	0	"040026525"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:44
L9	7	"4026525"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:46

L10	42	(corundum or sapphire or "al. sub.2o.sub.3") near10 crystal\$5 near16 face near10 ("113" or "012" or "101" or "110" or "116" or "211" or "126" or "224" or "214" or "100" or "125" or "223" or "131" or "312") and @py<"2006"	US PGPUB; USPAT; EPO; JPO; DEFIWENT; IBM_TDB	OR	ON	2010/02/16 09:46
L11	17	(corundum or asapphire or "al. sub.20. sub.3") near5 crystal\$5 near10 face near10 ("113" or "012" or "104" or "110" or "110" or "121" or "122" or "214" or "120" or "125" or "223" or "131" or "311") not L10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 09:52
L12	725	(corundum or a sapphire or "al. sub.2o.sub.3") near5 crystal\$5 near10 ("113" or "104" or "110" or "104" or "116" or "211" or "122" or "214" or "100" or "125" or "23" or "131" or "312") not L10	US-PGPUB; USPAT; EPO; JPO; DEHWENT; IBM_TDB	OR	ON	2010/02/16 09:55
L13	5	(corundum ) near5 crystal\$5 near10 C \$1AXIS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:06
L14	25	(corundum ) near5 crystal\$5 near10 face	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	OR	ON	2010/02/16 10:12

L15	12	(corundum ) near5 crystal\$5 near10 orientat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:12
L16	2	"7585365".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:48
L17	8	(corundum or sapphire or "al. sub.2o.sub.3") and (teshima near2 katsuya or oishi near2 shuji)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 11:07

## EAST Search History (Interference)

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2/16/10 11:16:45 AM H:\ EAST\ 10581182.wsp